Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Wednesday 13 Dec 2023 until 23:59 on Thursday 14 Dec 2023

Forecast Issued on Tuesday 12 Dec 2023 at 13:28

Confidence: Generally high but moderate for rainfall detail.

Headline for Wednesday 13 Dec 2023: Rain or showers clearing during the afternoon.

Mountain weather hazards on Wednesday 13 Dec 2023

Blizzards
No Likelihood

Heavy persistent snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
Low Likelihood

Poor visibility
Low Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Light rain	Light rain	Light rain showers	Light rain showers	Sunny intervals	Partly cloudy (night)	Clear night
Precipitation probability							
30%	60%	40%	40%	40%	30%	30%	10%

Forecast for Wednesday 13 Dec 2023

Weather: Cloudy with outbreaks of mainly light rain during the early hours, scattered showers following during the morning and into the early part of the afternoon. Cloud breaking up later in the afternoon with increasing sunny or clear spells to end the day.

Chance of cloud-free hill tops above 600m: 20% improving to 40% from mid-morning, 80% by late afternoon

Low cloud and visibility: Scattered or broken low cloud base 400-600m, becoming few or scattered later in the afternoon and continuing to clear. Visibility moderate in rain, otherwise good out with cloud.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Forecast for Wednesday 13 Dec 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	14/21 N	18/25 N	27/35 NE	26/35 N	24/33 N	19/27 N	13/18 N	7/10 N	6/9 SW
300	7/11 N	11/17 N	18/27 N	18/28 N	17/25 N	13/20 N	7/13 N	3/6 NW	5/7 SW
Valley	6/15 N	9/20 N	14/30 N	13/29 N	12/26 N	10/21 N	5/12 N	2/6 NE	3/5 S

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	4/-1	4/-1	2/-4	2/-5	1/-5	1/-5	0/-5	-1/-4	-1/-4
300	6/3	6/2	5/-0	4/-1	4/-1	4/-1	3/0	2/0	1/-1
Valley	6/4	6/3	5/1	5/0	5/1	4/1	3/1	1/-0	1/-1
Freezing Level*	1300m	1200m	1000m	800m	800m	700m	700m	600m	500m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Feeling cold at height, be prepared with appropriate layers.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Tue 12 Dec 2023	7mm	27mm	47.4mm

Forecast for Thursday 14 Dec 2023

Weather: Cloudy with outbreaks of rain pushing in from the west during the early hours, rain mainly light but with the odd heavier burst. This clearing southeast by late morning to leave a dry, bright and sunny rest of the day.

Maximum wind: West to southwest 10-15 mph

Chance of cloud-free hill tops above 600m: 20% until late morning, then increasing to 90%

Low cloud and visibility: Broken cloud base 400-600m from the early hours until around midday. Visibility moderate in rain, becoming good.

Temperature: **Valleys:** Plus 2 rising to plus 6 Celsius
At 600m: Zero rising to plus 4 Celsius
Freezing level: 600m, soon rising above summits

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